(7) inlingua



February 21, 2001 03268-00 He/nm

Franz Josef Gassmann D-45663 Recklinghausen

Camera, process for reconstructing an image information, and process for calibrating an image information

Summary

The within invention concerns camera for recording an image information. According the invention, a reproduction faithful to the original of the color impression and/or the brightness of the picture taken is ensured by the fact that the camera has one or more media for creating a light signal with known spectral intensity distribution and/or chromaticity coordinates and/or brightness that can be detected by a medium positioned or capable of being recording positioned in the camera. The within invention also for reconstructing concerns process an image information recorded on a recording medium, in which the image reconstruction is undertaken in such manner that distribution the spectral intensity and/or the chromaticity coordinates and/or the brightness of a light signal information recorded on a recording medium and reconstructed accords with that of the light signal

inlingua Language Center, 551 Fifth Avenue, New York, NY 10176, Tel. (212) 682-8585, Fax. (212) 599-0977

(*) inlingua

generated by light-signal-creating media or with that of the light signal complementary thereto, or the divergence between the reconstructed and the created light signal lies within a tolerance range or is minimized.

The within invention also concerns a process for calibrating an image information recorded on a recording medium, in which the divergence of the reconstructed light signal is recorded parametrically to the light signal generated by light-signal-creating media or the light signal complementary to this light signal, and these parameters are processed as calibration parameters for further image reconstruction and/or image processing.